

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 79-52

NPDES NO. CA0006874

REISSUANCE OF WASTE DISCHARGE REQUIREMENTS FOR:

METAFRAME CORP.
SAN FRANCISCO BAY BRAND DIVISION
NEWARK, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, hereinafter Board, finds that:

1. Metaframe, San Francisco Bay Brand Division, hereinafter discharger, by application (NPDES Short Form C) dated November 16, 1978, applied for renewal of waste discharge requirements and a permit to discharge wastes under the National Pollutant Discharge Elimination System (NPDES). The discharger presently discharges wastes under the requirements of Board Order No. 74-49.
2. The discharger manufactures tropical fish food. The discharges consist of two wastes:

Waste 001: Up to 1500 gallons per day of non-contact cooling water and a minimal amount of boiler blowdown, containing pollutants.

Waste 002: Up to 3000 gallons per day of brine wastes containing pollutants. The wastes are toxic due to the high salinity necessary to grow brine shrimp.

Both wastes are separately discharged to a storm drain tributary to the end of Newark Slough, a tributary of South San Francisco Bay, both waters of the United States.

3. The discharger's brine wastes (Waste 002) have not met compliance with the Board's Order No. 74-49, even after extensive process revisions and significant reductions of flow. However, the discharger can complete facilities necessary to completely recycle and eliminate the discharge of brine wastes by August 1, 1979.
4. A Water Quality Control Plan for the San Francisco Bay Basin was adopted April 1975. The Basin Plan contains water quality objectives for San Francisco Bay and its tributaries.
5. The beneficial uses of Newark Slough, South San Francisco Bay, and contiguous waters are:
 - a. Industrial service supply
 - b. Navigation
 - c. Recreation
 - d. Fishing
 - e. Habitat and resting for wildlife, waterfowl, and migratory birds.

6. Effluent limitation and toxic effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The reissuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
10. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of hearing provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, Metaframe Corp., San Francisco Bay Brand Division, Newark, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, and to the provisions of the Federal Water Pollution Control Act as amended and regulations and guidelines adopted thereunder, shall comply with the following:

A. Prohibitions

1. The discharge of Waste 002 after August 1, 1979, is prohibited.

B. Effluent Limitations

1. The discharge of Waste 001 in excess of the following limits is prohibited:

<u>Constituent</u>	<u>Units</u>	<u>30 day avg.</u>	<u>Daily maximum</u>
Suspended solids	lbs/day (kg/day) mg/l	0.8 (0.4) 30	1.2 (0.6) 45

2. The discharge shall not have a pH of less than 6.5 nor greater than 8.5.
3. In any representative set of samples the waste as discharged shall meet the following limit of quality:

Toxicity:

The survival of an acceptable test organism in 96-hour bioassays of the effluent shall achieve a median of 90% survival for three consecutive samples and a 90 percentile value of not less than 70% survival for 10 consecutive samples.

C. Receiving Water Limitations

1. Neither the discharge nor stormwater runoff from the plant site shall cause:
 - a. Visible, floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place;
 - b. Floating, suspended, or deposited macroscopic particulate matter or foam, in waters of the State at any place;
 - c. Bottom deposits or aquatic growths;
 - d. Alteration of apparent color beyond present natural background levels in waters of the State at any place;
 - e. Toxic or other deleterious substances to be present in waters of the State in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. Neither the treatment nor the discharge of pollutants shall create a nuisance as defined in the California Water Code.
2. The storage area just west of the flake plant and the area just north of the flake plant shall be kept free of fish flakes, oil, and other wastes. The discharge of wash water from these areas to waters of the State is prohibited.
3. This Order includes the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977 with the exception of Sections A.5, A.12, A.16, B.2, B.3, and B.5.
4. This Order expires on May 14, 1984, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on May 15, 1979.

FRED H. DIERKER
Executive Officer

Attachments:

Std. Prov. Rept. Req., and Def. (4/77)
Revised Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

R E V I S E D

SELF-MONITORING PROGRAM
FOR

METAFRAME CORP.

SAN FRANCISCO BAY BRANDS, INC.

NEWARK, ALAMEDA COUNTY

NPDES NO. CA 0006874

ORDER NO. 79-52

CONSISTS OF

PART A , dated January 1978

AND

PART B , ordered June 18, 1974
Revised

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At any point in the outfall between the point of discharge of waste 001 to the storm drain and the point at which all waste tributary to that outfall is present.

B. LAND

<u>Station</u>	<u>Description</u>
L-1	Storage area adjacent to and west of the flake plant.
L-2	Area adjacent to and north of the flake plant.

II. SCHEDULE OF SAMPLING, MEASUREMENTS, AND ANALYSES

The schedule of sampling, measurements, and analyses is given in Table I.
(See Attachment)

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-52.
2. Does not include the following paragraphs of Part A:

C3, C4, C5a, C5c, C5d, C5e, D1, D3, D4, E4, F3c, F3g.
3. Part A, F.3 is modified to read:

"Written reports shall be filed semiannually by the fifteenth day of the month following (i.e. July 15, January 15) ..."
4. Was originally ordered by the Executive Officer on June 18, 1974, and is hereby ordered revised on the date shown below.
5. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

Attachment: Table I

FRED H. DIERKER
Executive Officer

Date Ordered June 6, 1979

TABLE I
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSES
METAFRAME CORP. NPDES NO. CA0006874

SAMPLING STATIONS	E		All Sta.						
TYPE OF SAMPLES	C	G	O						
Flow Rate (mgd)	M								
Total Suspended Solids (mg/l & lbs/day)	Q								
pH (electrometric units)		Q							
Toxicity Bioassay (% survival in undiluted waste)	Y								
All Applicable Standard Observations		W	W ⁽¹⁾						

(1) Report presence of any waste materials on the areas specified.

LEGEND FOR TABLE

TYPE OF SAMPLE

C = Composite sample collected at hourly
intervals during the period of discharge

G = Grab sample

O = Observations

FREQUENCY OF SAMPLING

W = Once each week

M = monthly